

**TEST REPORT**

No. : SHIN2107047165CM

Date : Aug 06, 2021

Page: 1 of 4

scan to see the report



SHIN2107047165CM

CUSTOMER NAME:

K.O.H. INTERNATIONAL CO., LTD

ADDRESS:

45 MOO 1 TUMBON BORNGERN AMPHUR LADLUMKAEW,  
PRATHUMTHANEE 12140

Sample Name : LADDER CLAMP

Product Specification : 48.3\*48.3

Buyer : K.O.H. International Co., Ltd

Material and Mark : Q235

Others : IPT64009/9

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

Test Required : Failure Force

Ref. Standard : Provided by Client

Date of Receipt : Jul 08, 2021

Testing Start Date : Jul 08, 2021

Testing End Date : Aug 06, 2021

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Service (Shanghai)Co., Ltd.

Ziven Wang

Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised to inform the Company in writing of any change in the name, address or position of any signatory, at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. The Company will not be liable for any loss or damage except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 61196300 / (86-21) 61191853 / 68183920 / [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn) / [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## TEST REPORT

No. : SHIN2107047165CM

Date : Aug 06, 2021

Page: 2 of 4

## Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Failure Force	Provided by Client	See Result	/

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.

## Original Sample Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that the information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the applicable laws and regulations. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 61196300, (86-21) 61191853/68183920, [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
 No.68, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319    t(86-21) 61196300    f(86-21) 61191853/68183920    e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



**TEST REPORT**

No. : SHIN2107047165CM

Date : Aug 06, 2021

Page: 3 of 4

Test Item: Failure Force

Test Method: Provided by Client

Test Condition:

Specimen: Ladder Clamp, 5pcs

Test Procedure:

1. Install the sample to simulate the conditions of actual practice.
2. Assemble a  $\Phi 48.3$ mm solid bar horizontally to the clamp with a tighten torque of 50 N.m.
3. Apply a compression load at the rate of 2mm/min to the solid bar at two points, which are 75mm equidistant from the center of clamp, until the failure occurs, or the load cannot be increased usefully.
4. Record the maximum test load and failure mode.

Test Result:

Sample No.	Maximum Test Load (kN)	Failure Mode
1	31.60	The board was deformed.
2	31.85	The board was deformed.
3	31.90	The board was deformed.
4	31.54	The board was deformed.
5	32.22	The board was deformed.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's liability is limited to the sum paid for this document. This document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

For assistance to assess the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-758) 8307 1443, or email: [sh.sgs@sgs.com](mailto:sh.sgs@sgs.com)



**TEST REPORT**

No. : SHIN2107047165CM

Date : Aug 06, 2021

Page: 4 of 4

Test Photo(s):



In Test

After Test

\*\*\*\*\* End of report\*\*\*\*\*

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/SGS/TermsAndConditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/SGS/TermsAndConditionsForElectronicDocuments.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: This document is issued subject to the terms and conditions of the test report. For further information, please contact us at telephone: (+86-788) 8367 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

No.6, Block 115A, East Kang Qiao Road, Pudong District, Shanghai, China, 201319 | (86-21) 61196300 | (86-21) 61191853/68183920 | [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国 · 上海 · 浦东康桥东路1159弄6号 邮编:201319 | (86-21) 61196300 | (86-21) 61191853/68183920 | [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

